

ARIZONA

Park Operational Base Summary: The table below shows the annual park operating base for all parks within this state. Park operational base funds are supplemented by as yet undetermined amounts of project funding from regional or servicewide-managed programs, such as cyclic maintenance, the Natural Resources Preservation Program, and the Drug Enforcement Program.

If a park is in more than one state, the park is included in each of the appropriate state tables. The full operating base is shown; no attempt has been made to split the park operating base amount between two or more states.

Congr	FY 2000	FY 2001	FY 2002	FY 2002	FY 2002
<u>Distr Park Units</u>	<u>Enacted</u>	<u>Enacted</u>	<u>Uncontrol</u>	<u>Program</u>	<u>Estimate</u>
			<u>Changes</u>	<u>Changes</u>	
06 Canyon de Chelly NM	1,178,000	1,197,000	30,000	0	1,227,000
06 Casa Grande Ruins NM					
& Hohokam Pima NM	568,000	646,000	13,000	0	659,000
05 Chiricahua NM & Ft Bowie NHS	1,198,000	1,300,000	38,000	0	1,338,000
05 Coronado NMem	459,000	728,000	11,000	0	739,000
03 Glen Canyon NRA	8,990,000	9,183,000	249,000	0	9,432,000
03 Grand Canyon NP	17,225,000	18,199,000	511,000	0	18,710,000
06 Hubbell Trading Post NHS	651,000	667,000	20,000	0	687,000
03 Lake Mead NRA	13,353,000	14,805,000	290,000	0	15,095,000
03 Montezuma Castle NM					
& Tuzigoot NM	1,049,000	1,075,000	33,000	0	1,108,000
06 Navajo NM	735,000	750,000	16,000	0	766,000
02 Organ Pipe Cactus NM	1,698,000	2,108,000	41,000	0	2,149,000
06 Petrified Forest NP	2,437,000	2,491,000	69,000	0	2,560,000
03 Pipe Spring NM	407,000	419,000	13,000	0	432,000
05 Saguaro NP	2,695,000	2,755,000	87,000	0	2,842,000
06 Tonto NM	563,000	734,000	17,000	0	751,000
02 Tumacacori NHP	716,000	728,000	19,000	0	747,000
06 Wupatki NM, Sunset Crater NM,					
Walnut Canyon NM	1,916,000	2,083,000	57,000	100,000	2,240,000

For FY 2002, Program Changes reflect increases for the Natural Resource Challenge.

The table does not include programs from other appropriations such as General Management Plans, Land Acquisition, Line Item Construction and Maintenance, Federal Lands Highway Program, and Historic Preservation Fund State Grants. Information on the distribution of funds in those programs is outlined on the next page. There are separate sections on General Management Plans and the Trails Management Program.

ARIZONA
(dollars in thousands)

PROGRAMS NOT INCLUDED IN PARK BASE:

GENERAL MANAGEMENT PLANS (See GMP section for further information)

<u>Park Area</u>	<u>Type of Project</u>
Coronado NMem	Ongoing Project
Grand Canyon-Parashant NM	Ongoing Project
Petrified Forest NP	Ongoing Project

LAND ACQUISITION (see attached)

<u>Park Area</u>	<u>Remarks</u>	<u>Funds</u>
Saguaro NP	160 acres	\$2,000

CONSTRUCTION: LINE ITEM CONSTRUCTION (see attached)

<u>Park Area</u>	<u>Type of Project</u>	<u>Funds</u>
Glen Canyon NRA	Provide sewage system at Wahweap	\$5,138
Grand Canyon NP	Rehab campground comfort stations	\$987
Horace M Albright Training Cen	Rehab Albright Training Center	\$6,876
Petrified Forest NP	Replace water line	\$5,929
Tumacacori NHP	Remove/replace maint. & admin. Facilities	\$944

PROPOSED FEDERAL LANDS HIGHWAY PROGRAM

None

HISTORIC PRESERVATION FUND: STATE GRANTS

State apportionment: \$821

STATE CONSERVATION GRANTS

Proposed state apportionment: \$9,091

Land Acquisition and State Assistance/Federal Land Acquisition

Fiscal Year 2002 National Park Service Federal Land Acquisition Program

Program or Park Area: **Saguaro National Park**

National Park Service Land Acquisition Priority (FY 2002): Priority No. 5

Location: Vicinity of Tucson, Arizona

State/County/Congressional District: State of Arizona/Pima County/Congressional District Nos. 2,5

Land Acquisition Limitation Amount Remaining: Public Law 102-61, June 19, 1991, revised the boundary of the monument to add 3,540 acres to the Rincon Unit of the monument and authorized the appropriation of funds necessary for land acquisition.

Public Law 103-364, October 14, 1994, abolished the monument and established Saguaro National Park to include the former monument and an additional 3,460 acres. The act authorized the appropriation of funds necessary for land acquisition.

Cost Detail:

Date	Acres	Total Amount
FY 2002 Request	160	\$2,000,000
Future Funding Need	896	\$13,000,000

The total amount includes the cost of title, appraisal, environmental site assessment, acquisition, and relocation assistance.

Improvements: Residential and agricultural.

Description: Originally established as a national monument in 1933, Saguaro National Park was designated in 1994.

Natural/Cultural Resources Associated with Proposal: The park's purpose is to protect natural resources, particularly the giant saguaro cactus which can reach heights of 50 feet, weigh up to 8 tons, and live for more than 150 years. The area is also home to desert wildlife including desert tortoise and Gila monster.

Threat: The monument consists of two units on the outskirts of Tucson, Arizona: Tucson Mountain Unit (west) and Rincon Mountain Unit (east). Increasing urban encroachment and adjacent development have threatened the integrity of the monument. Saguaro stands in the vicinity of the park have declined dramatically since the 1930s.

Need: Funds totaling \$2,000,000 are needed in fiscal year 2002 to acquire one tract containing a total of 160 acres. The tract to be acquired is located in the Tucson Mountain District of the park and is identified as critical acquisitions in the land protection plan for the park. The tract contains significant Sonoran Desert resources such as saguaro cactus and paloverde, as well as a variety of wildlife. The tract also contains archeological sites that are vulnerable to vandalism and disturbance. It is located in an area where construction and development pressures are intense. Acquisition is necessary to preclude development that would harm significant park resources.

Interaction with Landowners and Partners: The landowner has indicated willingness to sell to the United States. Contact between the owner and the National Park Service has been ongoing over the last two years. There is broad local support for the Federal acquisition of this property as evidenced in a community letter to the Arizona Congressional delegation in February 1999 urging completion of acquisition in the park.

Construction and Major Maintenance/Line Item Construction and Maintenance

National Park Service PROJECT DATA SHEET	Priority: 37
	Planned Funding Year: 2002
	Funding Source: Line Item Construction

Project Title: Provide Adequate Sanitary Sewage System at Wahweap

Project No: GLCA 437	Park Name: Glen Canyon National Recreation Area	
Region: Intermountain	Congressional District: 03	State: Arizona

Project Description: The existing wastewater treatment system will be upgraded to provide wastewater treatment and disposal to meet the water quality requirements of the Arizona Department of Environmental Quality's Aquifer Protection Program. Improvements to the treatment system will include a new anaerobic solids removal basin, upgrading existing aeration primary treatment system, converting the existing percolation ponds to lined wetland treatment ponds for more effective nutrient removal, new piping and pond lining, a disinfection system, and construction of new percolation ponds. Final disposal of the treated effluent will be through a pipeline into Lake Powell. A National Pollutant Discharge Elimination System permit will be sought through the U.S. Environmental Protection Agency for direct discharge of effluent to the lake. This project includes \$2.3 million programmed by the concessioner from special account funds for cost sharing with National Park Service funds.

Project Justification: The existing sewage treatment system at Wahweap handles 200,000 gallons/day during peak usage. The existing facilities consist of aerated primary ponds and 14 acres of secondary percolation ponds. These facilities are out of compliance with the State of Arizona's aquifer protection requirements, and would require either complete replacement or major modification to comply with State law. The percolation ponds have created a perched water table saturated with treated sewage effluent that is currently discharging a surface flow of approximately 5,000 gallons per day of nutrient rich effluent into Lake Powell via a drainage near the park's housing compound and beach. The percolation ponds have failed due to an impervious subsurface layer which forces the effluent to surface downstream. These flows have increased each year and the seepage now begins within 20 feet of the sewage lagoon dikes. A structural failure of the dikes would result in large quantities of sewage contaminating the waters of Lake Powell in the immediate area of the lodge, marina, and a beach.

Ranking Categories

60% Critical Health or Safety Deferred	0% Critical Mission Deferred Maintenance
0% Critical Health or Safety Capital Improvement	20% Compliance & Other Deferred Maintenance
0% Critical Resource Protection Deferred Maintenance	20% Other Capital Improvement
0% Critical Resource Protection Capital Improvement	

Capital Asset Planning 300B Analysis Required: YES: NO: X Total Project Score: 740

Project Cost and Status

Project Cost Estimate	\$	%		
Deferred Maintenance Work:	4,110,000	80	Appropriated to Date:	\$0
Capital Improvement Work:	1,028,000	20	Requested in FY 2002 Budget:	\$5,138,000
Total Project Estimate:	5,138,000	100	Planned Funding FY 2002:	\$5,138,000
			Future Funding to Complete Project:	\$0
			Total:	\$5,138,000
Class of Estimate: C			Estimate Good Until:	Dec. 2001

Dates (Qtr/Year)

	Sch'd	Actual	
Construction Start Award:	4th/2002		
Project Complete:	NA		Last Updated: April 11, 2001

Construction and Major Maintenance/Line Item Construction and Maintenance

National Park Service PROJECT DATA SHEET		Priority: 15	
		Planned Funding Year: 2002	
		Funding Source: Line Item Construction	
Project Title: Rehabilitate South Rim Campground Comfort Stations			
Project No: GRCA 257		Park Name: Grand Canyon National Park	
Region: Intermountain	Congressional District: 03	State: Arizona	
Project Description: This project is the complete rehab of eleven Mather Campground comfort stations. The work consists of: installing tile on concrete floors; rodent proof buildings; replace doors, bathroom fixtures, and partitions; paint interiors and exteriors; replace single pane glass with Lexan; replace roofs; install exterior dishwashing sinks; and improve drainage around buildings.			
Project Justification: These buildings are over 25 years old and are used by an average of 219,000 campers per year. The buildings are health and safety hazards. The concrete floor is porous and difficult to clean. Rodents nest in the supply areas allowing possible employees contact with the hantavirus. Floor level urinals add to the unsanitary condition of floors and often plug because of dirt and paper getting into them. Partitions are rusted through leaving jagged edges. Steel doors and frames are bent. Fixtures are worn out and need to be replaced with new low-flow fixtures. Single pane window glass is frequently vandalized. The roofs leak. Campers attempt to wash dishes in sinks and either plug the sinks or throw food on the ground outside the building.			
Ranking Categories			
100% Critical Health or Safety Deferred		0% Critical Mission Deferred Maintenance	
0% Critical Health or Safety Capital Improvement		0% Compliance & Other Deferred Maintenance	
0% Critical Resource Protection Deferred Maintenance		0% Other Capital Improvement	
0% Critical Resource Protection Capital Improvement			
Capital Asset Planning 300B Analysis Required: YES:		NO: X	Total Project Score: 1000
Project Cost and Status			
Project Cost Estimate	\$	%	
Deferred Maintenance Work:	987,000	100	Appropriated to Date: \$0
Capital Improvement Work:	0	0	Requested in FY 2002 Budget: \$987,000
Total Project Estimate:	987,000	100	Planned Funding FY 2002: \$987,000
			Future Funding to Complete Project: \$0
			Total: \$987,000
Class of Estimate: C		Estimate Good Until:	Dec. 2001
Dates (Qtr/Year)			
	Sch'd	Actual	
Construction Start Award:	4th/2002		
Project Complete:	NA		Last Updated: April 11, 2001

Construction and Major Maintenance/Line Item Construction and Maintenance

National Park Service PROJECT DATA SHEET		Priority: 54	
		Planned Funding Year: 2002	
		Funding Source: Line Item Construction	
Project Title: Rehabilitate Albright Training Center			
Project No: HOAL 001A		Park Name: Horace M. Albright Training Center	
Region: Washington Office		Congressional District: 3	State: Arizona
Project Description: This package will rehabilitate and modernize the 1960s vintage Albright Training Center. The package mirrors the Employee Training and Development Strategy's Training Center Rehabilitation Work Group recommendations: (1) Modernize Albright to streamline operations, (2) Improve HVAC, (3) Implement ADA standards; complete modernization of fire and security systems, (4) Landscape and vegetate the campus with native species to remove exotics and control soil erosion, (5) Complete renovation of five 11-unit, student apartment buildings, (6) Replace water and sewer service lines, (7) Resurface entrance road and parking area, (8) Construct carport and storage facility, (9) Replace deteriorated concrete paths with asphalt, and (10) Construct quadplex apartment to house staff.			
Project Justification: The Albright Library was closed to accommodate staff; the Center for Alternative Learning is housed in a garage. The Albright Training Center and the apartments are vintage Mission 66 structures and reflect that period's energy consumptive elements. Rooms are poorly ventilated. Students and staff suffer from shared respiratory disorders. Heat delivery systems are antiquated, are set in the foundation and costly to repair. Noise carries down hallways so staff close their doors to students in order to carry on a conversation. Sound carries through apartment walls.			
Ranking Categories			
8% Critical Health or Safety Deferred		79% Critical Mission Deferred Maintenance	
3% Critical Health or Safety Capital Improvement		0% Compliance & Other Deferred Maintenance	
1% Critical Resource Protection Deferred Maintenance		9% Other Capital Improvement	
0% Critical Resource Protection Capital Improvement			
Capital Asset Planning 300B Analysis Required: YES:		NO: X	Total Project Score: 439
Project Cost and Status			
Project Cost Estimate	\$	%	
Deferred Maintenance Work:	6,051,000	88	Appropriated to Date: \$0
Capital Improvement Work:	825,000	12	Requested in FY 2002 Budget: \$6,876,000
Total Project Estimate:	6,876,000	100	Planned Funding FY 2002: \$6,876,000
			Future Funding to Complete Project: \$0
			Total: \$6,876,000
Class of Estimate: C		Estimate Good Until:	Dec. 2001
Dates (Qtr/Year)			
	Sch'd	Actual	
Construction Start Award:	4th/2002		
Project Complete:	NA		Last Updated: April 11, 2001

Construction and Major Maintenance/Line Item Construction and Maintenance

National Park Service PROJECT DATA SHEET	Priority: 17		
	Planned Funding Year: 2002		
	Funding Source: Line Item Construction		
Project Title: Replace Water Line			
Project No: PEFO 200	Park Name: Petrified Forest National Park		
Region: Intermountain	Congressional District: 06	State: Arizona	
Project Description: Funds requested would be used to replace approximately 13 miles of the park's main water line that runs between the Puerco pump house and Rainbow Forest and approximately 12 miles of distribution lines serving Rainbow Forest, the Painted Desert community, and restroom facilities along the main park road and spur roads.			
Project Justification: The main water line between Puerco pump house and the Rainbow Forest complex was constructed by the Civilian Conservation Corps between 1938 and 1940. Distribution lines date to between 1938 and 1961. The main line continues to develop a number of significant leaks, the precise locations of which are often difficult to detect due to the geology of the area. In 1997 alone, park staff repaired seven major leaks on the main line, and spent several weeks locating the breaks. The cost of the water is approximately \$3.64/1,000 gallon. Therefore, every leak is a costly expense to the park's limited operating budget. In addition, after every break is repaired the line has to be flushed. In 1997, over 100,000 gallons was used to flush the lines after the seven repairs. The leaks pose potential health and safety hazards in that the water may be contaminated, threatening the health of visitors, employees, and residents; and workers repairing the leaks are subjected to the hazards associated with work in open trenches. A complete replacement of the main line between Puerco and Rainbow Forest and of the distribution lines is needed to prevent/minimize leaks, conserve water, prevent unnecessary expenses to park budget, reduce amount of time staff is spending on repairs, and correct health and safety hazards. Without this package the park will continue to incur sizeable and most likely increasing costs associated with failures of the 60-year-old line and public and employee health will be jeopardized with each leak.			
Ranking Categories			
100% Critical Health or Safety Deferred		0% Critical Mission Deferred Maintenance	
0% Critical Health or Safety Capital Improvement		0% Compliance & Other Deferred Maintenance	
0% Critical Resource Protection Deferred Maintenance		0% Other Capital Improvement	
0% Critical Resource Protection Capital Improvement			
Capital Asset Planning 300B Analysis Required: YES: NO: X		Total Project Score: 1000	
Project Cost and Status			
Project Cost Estimate	\$	%	
Deferred Maintenance Work:	5,929,000	100	Appropriated to Date: \$0
Capital Improvement Work:	0	0	Requested in FY 2002 Budget: \$5,929,000
Total Project Estimate:	5,929,000	100	Planned Funding FY 2002: \$5,929,000
			Future Funding to Complete Project: \$0
			Total: \$5,929,000
Class of Estimate: C		Estimate Good Until: Dec. 2001	
Dates (Qtr/Year)			
	Sch'd	Actual	
Construction Start Award:	4 th /2002		
Project Complete:	NA		Last Updated: April 11, 2001

Construction and Major Maintenance/Line Item Construction and Maintenance

National Park Service PROJECT DATA SHEET		Priority: 36	
		Planned Funding Year: 2002	
		Funding Source: Line Item Construction	
Project Title: Remove and Replace Maintenance and Administrative Facilities From Historical Park			
Project No: TUMA 202		Park Name: Tumacacori National Historical Park	
Region: Intermountain	Congressional District: 02	State: Arizona	
Project Description: This package proposes the removal of the current maintenance facility which is inadequate and unsafe, and was last upgraded in 1955. It has no space to do routine day-to-day maintenance repairs - most must be done in the parking lot outside. This activity impedes traffic to and from residences. There are no bathrooms or hand washing facilities, and does not meet Americans with Disabilities Act requirements. There are no proper storage facilities for tools or materials. The electrical system cannot support the load from power equipment or welding activities. There is no way to separate operations - carpentry, vehicle repair, painting, welding, etc., all must be accomplished in a space of 750 square feet. The shop is attached to one of the residences where noise, fumes and activities intrude on the residents. Storage of materials and tools is scattered over the grounds slowing down communications, decreasing work effectiveness, and jeopardizing the safety of visitors in the park.			
Project Justification: Tumacacori's present maintenance facility is a converted 1932 laundry and garage. When these facilities were built, the park staff consisted of three rangers. The general management plan calls for a staff of 17 - difficult to accommodate in the present facilities. The addition of two mission sites under our care makes management difficulty even greater. Maintenance support and storage is spread over five separate storage sheds scattered about the grounds. The rest of the park staff of 10 operates out of two separate buildings (870 and 725 square feet). If this project is not completed, the park will be forced to continue to "make do" with unsafe, inadequate facilities intruding on the park's historic scene. Office space would have to be purchased or rented outside the grounds thus fracturing the staff's capabilities to work as a unit. A new building with sufficient space and facilities is required to accommodate additional staff and maintenance needs.			
Ranking Categories			
0% Critical Health or Safety Deferred		0% Critical Mission Deferred Maintenance	
50% Critical Health or Safety Capital Improvement		0% Compliance & Other Deferred Maintenance	
0% Critical Resource Protection Deferred Maintenance		0% Other Capital Improvement	
50% Critical Resource Protection Capital Improvement			
Capital Asset Planning 300B Analysis Required: YES:		NO: X	Total Project Score: 750
Project Cost and Status			
Project Cost Estimate	\$	%	
Deferred Maintenance Work:	0	0	Appropriated to Date: \$0
Capital Improvement Work:	944,000	100	Requested in FY 2002 Budget: \$944,000
Total Project Estimate:	944,000	100	Planned Funding FY 2002: \$944,000
			Future Funding to Complete Project: \$0
			Total: \$944,000
Class of Estimate: C		Estimate Good Until:	Dec. 2001
Dates (Qtr/Year)			
	Sch'd	Actual	
Construction Start Award:	3rd/2002		
Project Complete:	NA		Last Updated: April 11, 2001